

BSP76E6433HUMA1



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**Part Number:** [BSP76E6433HUMA1](#)

**Manufacturer** [International Rectifier \(Infineon Technologies\)](#)

**Description** IC SWITCH POWER LOSIDE SOT223-4

**Data sheet:**  [BSP76](#)

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                          |                                  |                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------|-----------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | BSP76E6433HUMA1                                          | Manufacturer                     | <a href="#">International Rectifier (Infineon Technologies)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC SWITCH POWER LOSIDE SOT223-4                          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 107225 pcs                                               | Data sheet                       | <a href="#">BSP76</a>                                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a>                | Voltage - Supply (Vcc/Vdd)       | Not Required                                                    |
| Voltage - Load                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 42V (Max)                                                | Switch Type                      | General Purpose                                                 |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PG-SOT223-4                                              | Series                           | HITFET®                                                         |
| Rds On (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 150 mOhm                                                 | Ratio - Input:Output             | 1:1                                                             |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Cut Tape (CT)                                            | Package / Case                   | TO-261-4, TO-261AA                                              |
| Output Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | N-Channel                                                | Output Configuration             | Low Side                                                        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | BSP76 E6433CT<br>BSP76 E6433CT-ND<br>BSP76E6433HUMA1CT   | Operating Temperature            | -40°C ~ 150°C (TJ)                                              |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1                                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                   |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Lead free / RoHS Compliant                               | Interface                        | On/Off                                                          |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Non-Inverting                                            | Features                         | Auto Restart                                                    |
| Fault Protection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Current Limiting (Fixed), Over Temperature, Over Voltage | Current - Output (Max)           | 1.4A                                                            |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | BSP76                                                    |                                  |                                                                 |
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|  | Part#: <a href="#">BSP772TNUMA1</a><br>Description: IC SWITCH SMART HIGH SIDE 8DSO     | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BSP75NQTA</a><br>Description: LOW SIDE INTELLIFET SOT223 T&R 1      | Manufacturers: <a href="#">Diodes Incorporated</a>                             | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">BSP88H6327XTSA1</a><br>Description: MOSFET N-CH 4SOT223             | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">BSP772TXUMA1</a><br>Description: IC SWITCH SMART HIGH SIDE 8DSO     | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BSP76 E6327</a><br>Description: MOSFET 42V 1.4A N-CHAN SOT223       | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BSP78HUMA1</a><br>Description: IC SWITCH POWER LOSIDE SOT223-4      | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BSP77 E6327</a><br>Description: IC PWR SWITCH 42V 2.17A SOT223-4    | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BSP75NTA</a><br>Description: MOSFET N-CH 60V 1.2A SOT-223           | Manufacturers: <a href="#">Diodes Incorporated</a>                             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BSP75GQTC</a><br>Description: MOSFET N-CH 60V 1.6A SOT223           | Manufacturers: <a href="#">Diodes Incorporated</a>                             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BSP75GTA</a><br>Description: MOSFET N-CH 60V 1.6A SOT223            | Manufacturers: <a href="#">Diodes Incorporated</a>                             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BSP762TNT</a><br>Description: IC SWITCH SMART HIGH SIDE 8DSOP       | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BSP76E6433NT</a><br>Description: IC SWITCH POWER LOSIDE SOT223-4    | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
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